

**Jefferson County Department of Health and Environment (JCDHE)**  
**West Nile Virus (WNV) and Zoonoses**  
**Newsletter # 14**  
**September 10, 2008**

**WNV NATIONAL**

The September 9, 2008 update from CDC and USGS (for states other than Colorado) has posted 473 human cases of WNV: 8 from Alabama, 8 from Arizona (1 fatal), 7 from Arkansas, 155 from California (2 fatal), 1 from Connecticut, 22 from Idaho, 4 from Illinois, 1 from Indiana, 6 from Iowa, 12 from Kansas, 6 from Louisiana, 2 from Maryland, 2 from Michigan, 16 from Minnesota, 71 from Mississippi (1 fatal), 6 from Missouri, 4 from Montana, 2 from Nebraska, 12 from Nevada, 3 from New Mexico, 6 from New York, 23 from North Dakota, 5 from Ohio, 6 from Oklahoma, 4 from Oregon, 2 from Pennsylvania, 34 from South Dakota, 8 from Tennessee, 23 from Texas, 7 from Utah, 1 from West Virginia, 3 from Wisconsin, and 3 from Wyoming.

For updates visit their websites at

<http://www.cdc.gov/ncidod/dvbid/westnile/Mapsactivity/surv&control07Maps.htm>

[http://diseasemaps.usgs.gov/wnv\\_us\\_human.html](http://diseasemaps.usgs.gov/wnv_us_human.html)

**WNV COLORADO**

CDPHE is reporting 40 confirmed cases of human West Nile Virus (WNV) infections in Colorado for the 2008 season. WNV cases are being reported from Adams (1), Arapahoe (2), Boulder (7), Costilla (1), Denver (2), Gunnison (1), Jefferson (2), Larimer (7), Logan (1), Mesa (1), Morgan (1), Otero (2), Pueblo (2), Weld (9), and Yuma (1) counties. The majority of these cases have been characterized as uncomplicated fever (27); 3 meningitis cases (one each from Arapahoe, Larimer, and Weld counties), and 2 encephalitis case from Weld County. No deaths have been reported.

As of August 27th of this year, 3167 Culex mosquito pools have been submitted, along with 32 avian and 27 equine specimens. Only 43 mosquito pools have tested positive for WNV, from Bent (1), Boulder (1), El Paso (1), Jefferson (1), Larimer (19), Logan (1), Morgan (2), Otero (2), Prowers (3), Pueblo (1), and Weld (11) counties. Only 2 avian species have tested positive and none of the equine specimens submitted have yielded positive results.

For updates visit the CDPHE website at

<http://www.cdphe.state.co.us/dc/Zoonosis/wnv/index.html>

**WNV JEFFERSON COUNTY**

Mosquito Surveillance: Mosquito trapping in the county ended on August 28, 2008. Ottertail conducted mosquito trapping for 355 nights catching approximately 8300 mosquitoes with 3200 being culex species. Ottertail submitted 40 pools of culex mosquitoes during the summer and only one pool tested positive for WNV.

Mosquito Control: During the past week Ottertail Environmental, Inc. conducted 466 larval habitat site inspections. Out of these inspections, 80 sites were treated to control mosquito larvae.

**CONTINUE USING THE 4 Ds:**

- **Always use repellent for ALL outdoor activities. Use DEET, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions).**
- **Wear long sleeves and pants when outdoors at DAWN and DUSK.**
- **DRAIN and EMPTY** all containers in their yard because you can be bitten by WNV carrying mosquitoes in your own yards.
- Check your home to make sure all windows and doors have screens and are in good condition. This will reduce the chance of mosquitoes and bats gaining entry into your home.
- For additional information on repellents and how to protect you and your family around the home go to <http://health.jeffco.us> and go to the WNV page.

**Mosquito Complaint Hotline:**

Ottertail Environmental operates a toll free telephone line for citizen reports and concerns, that number is 1-888-774-2161 and locally the local number is 303 273-2878.

**RABIES IN JEFFERSON COUNTY**

JCDHE has tested a total of 36 animals for rabies so far in 2008 with 17 of those being bats. There have been three positive bats.

JCDHE reminds everyone not to handle bats and to not approach any seen during day light hours. Bats that are active during the day or any bat that is unable to fly should be considered possibly rabid and reported to the appropriate animal control agency.

Vaccination is the key to protecting pets from rabies and all cats, dogs, and ferrets should be current on their rabies immunizations. Pets should not be allowed to roam free.

For additional information on rabies go to the following web site.

[http://www.co.jefferson.co.us/health/health\\_T111\\_R159.htm](http://www.co.jefferson.co.us/health/health_T111_R159.htm)

**For More Information** on WNV and Zoonoses  
[http://www.jefferson.co.us/ext/dpt/health/home\\_ehs.htm](http://www.jefferson.co.us/ext/dpt/health/home_ehs.htm), or  
or contact [dvolkel@jeffco.us](mailto:dvolkel@jeffco.us) or [jdale@jeffco.us](mailto:jdale@jeffco.us)